# WEEK 1 - READING A

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## REQUIRED

### 1. 20 - 20,000 Hz Audio Sweep | Range of Human Hearing

- https://youtu.be/PAsMlDptjx8

### 2. Frequency Difference in Human Hearing

- https://videos.mentor-cdn.com/mgc/videos/5400/dbee4f28-311d-42b9-b89e-a70e11aef1e9-en-US-video.mp4

### 3. What is the difference between 0 dB and 0 dBFS?

- https://www.audiomasterclass.com/newsletter/what-is-the-difference-between-0-db-and-0-dbfs

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## RECOMMENDED

### 1. dB: What is a decibel?

- https://www.animations.physics.unsw.edu.au/jw/dB.htm

### 2. Sound Basics

- https://www.ccohs.ca/oshanswers/phys_agents/noise_basic.html

### 3. Psychoacoustics

- http://www.thieme.com/media/samples/pubid1260387312.pdf

### 4. Octaves in Human Hearing

- https://community.sw.siemens.com/s/article/octaves-in-human-hearing

### 5. Masking, The Critical Band and Frequency Selectivity

- https://health.uconn.edu/meds5377/wp-content/uploads/sites/151/2017/07/Masking_Frequency_selectivity_and_the_Critical_Band.pdf

## 6. Fundamental Aspects of Human Hearing

- https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.580.3611&rep=rep1&type=pdf

## 7. Hearing Mechanism

- https://www.coursera.org/learn/neurobiology/home/week/5

## 8. The Real Reason Music's Gotten So Loud

- https://www.theatlantic.com/entertainment/archive/2013/11/the-real-reason-musics-gotten-so-loud/281707/

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# RESOURCES

## 1. DIGITAL SOUND & MUSIC

- http://digitalsoundandmusic.com/curriculum/